

Converting Colors

Hex(02024F)

Have a look what the booklet for
Hex(02024F) contains.

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Color

Hex(02024F)

Conversions

Conversions Part 1

Format	Color
Hex	02024F
RGB	2, 2, 79
RGB Percent	1%, 1%, 31%
CMY	0.9922, 0.9922, 0.6902
CMYK	0.97, 0.97, 0.00, 0.69
HSL	240°, 95%, 16%
HSV	240°, 97%, 31%
XYZ	1.4580, 0.6208, 7.4401
YIQ	10.7780, -24.7170, 23.9470

Conversions

Conversions Part 2

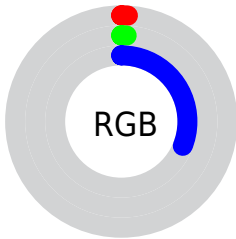
Format	Color
RYB	2, 2, 79
Decimal	131663
CIELab	5.61, 31.10, -44.51
CIELCh	6, 54.298, 304.941
Yxy	0.6208, 0.1532, 0.0652
Android (android.graphics.Color)	4278321743 (0xFF02024F)
YUV	10.7780, 33.6334, -7.6983
Hunter-Lab	7.8793, 19.2417, -50.4697

Details

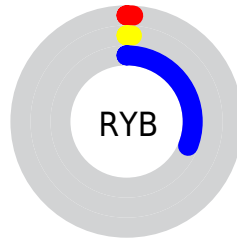
The Hex color **02024F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4F4F02**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **412D81**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **00004F**, and if you desaturate by 10%, it is **0A0A4F**.

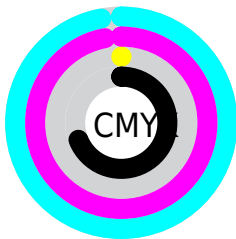
Distribution



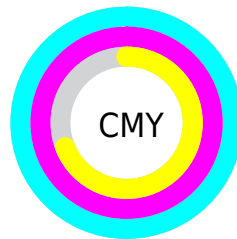
- Red (1%)
- Green (1%)
- Blue (31%)



- Red (1%)
- Yellow (1%)
- Blue (31%)



- Cyan (97%)
- Magenta (97%)
- Yellow (0%)
- Black (69%)



- Cyan (99%)
- Magenta (99%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02024F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 02024F by changing the saturation by 10% instead.

 02024F

 02024F


 FFE1FF

 000037


 412D81

 000221

 5B449C

 000006

 765CB7

 000000

 9175D3

 AD8FEF

 C9AAFF

 E6C5FF

 02024F

 02024F

■ 00004F

■ 0A0A4F

■ 12124F

■ 1A1A4F

■ 22224F

■ 29294F

■ 31314F

■ 39394F

■ 41414F

■ 49494F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00185D



02024F



3D0032

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



02024F



300000



001D18

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



02024F



4F4F02

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



001C00



02024F



121400

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



02024F



420000



001C00



001F3C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



02024F



48001B



001C00



001C08

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



02024F



484866



024F4F



212133



B3B3B3



333333

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



02024F



000066



28024F



222226



0000E6

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4F024F



660066



284F02



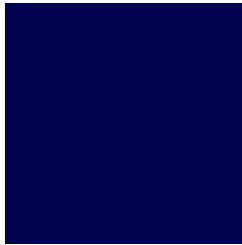
262226



E600E6

Previews

White Background



This preview shows how the Hex color 02024F looks on a white background.

Color Contrast Check

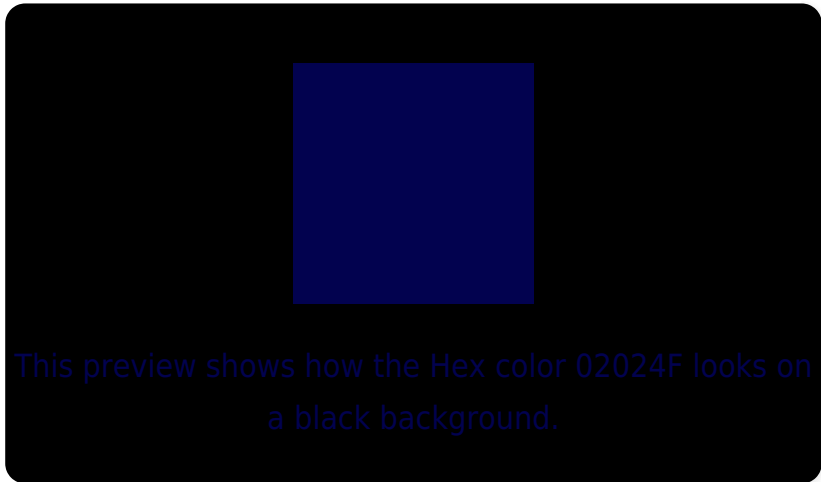
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

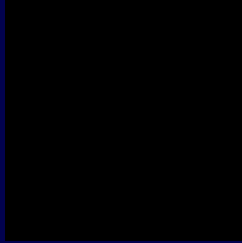
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 02024F Background



This preview shows how black text looks on a background with the Hex color 02024F.



This preview shows how white text looks on a background with the Hex color 02024F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
02024F

Protanopia
001730

Deuteranopia
001929



Tritanopia
001B1C

Trichromacy



Original Color
02024F

Protanomaly
010F3B

Deuteranomaly
011137

Tritanomaly
01122F

Monochromacy



Original Color
02024F

Achromatopsia
0B0B0B

Achromatomaly
080824

CSS Examples

Text

The CSS property to change the color of the text to Hex 02024F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #02024F looks like.

```
.text, #text, p{  
    color:#02024F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #02024F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02024F
}
```

Border

The CSS property to change the border of an element to Hex 02024F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

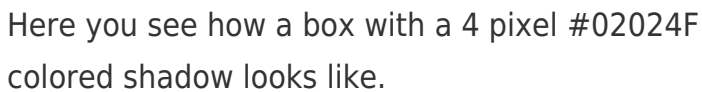
```
.border, #border, table{ border:4px solid
#02024F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#02024F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #02024F colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02024F; -webkit-box-shadow:4px 4px  
4px 4px #02024F; box-shadow:4px 4px 4px  
4px #02024F }
```

Background

The CSS property to change the background color of an element to Hex 02024F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02024F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#02024F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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